

Product datasheet for **TA379500**

ORF3a Rabbit Polyclonal Antibody

Product data:

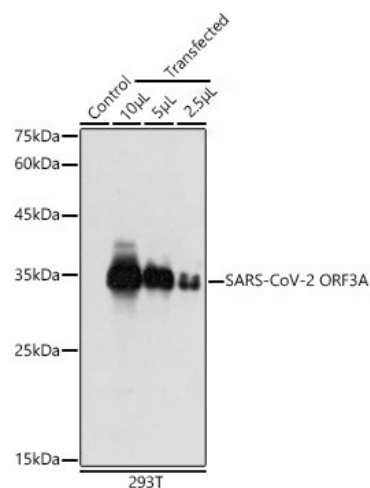
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	SARS-CoV-2
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein of SARS-CoV-2 ORF3A.
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Database Link:	P0DTC3

Background: Plays a role in viral egress via lysosomal trafficking. Forms homotetrameric ion channels (viroporin localized at endosomes and lysosomes, that may induce deacidification of lysosomes, allowing safe egress of virions via lysosomal trafficking. Also blocks autolysosomes formation by binding and sequestering the host component VPS39 for homotypic fusion and protein sorting (HOPS on late endosomes. This prevents fusion of autophagosomes with lysosomes, disrupting autophagy and facilitating virus egress.



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Product images:



Western blot analysis of extracts of 293T cells, using SARS-CoV-2 ORF3A antibody (TA379500) at 1:5000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.